

April 20, 2012



U.S. Department
of Transportation

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 15038
(FIRST REVISION)

EXPIRATION DATE: March 31, 2016

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: The American Pacific Corporation - In
Space Propulsion
Niagara Falls, NY
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of Hydrazine, anhydrous in unauthorized DOT specification packaging by motor vehicle. The hazardous material is shipped in a Propellant Storage Assembly (PSA) inside a UN specification 1A2 open head steel drum inside a UN specification 1H2 open head plastic drum. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
 - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.24a(a)(1) and (3) and 173.201 in that alternative packaging is authorized as provided herein.
5. BASIS: This special permit is based on the application of The American Pacific Corporation - In Space Propulsion dated April 12, 2012 submitted in accordance with § 107.109 and additional information of April 20, 2012.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Hydrazine, anhydrous	8	UN2029	I

7. SAFETY CONTROL MEASURES:a. PACKAGING - The prescribed packaging is as follows:

- (1) Inner packaging - A proprietary PSA filled to no greater than 95% capacity conforming to the specifications and drawings included with the application dated February 1, 2010 on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA). The PSA is to be held in place with a stabilization unit specific to the design of the PSA and the intermediate packaging.
- (2) Intermediate packaging - A 55-gallon UN specification 1A2 removable head steel drum conforming to the specifications of Skolnik Industries, Inc. ID Number 10-009, Test Report Number 053, Dated February 4, 2010, and Skolnik Industries, Inc. drawing Part Num./Filename ST5502 on file with OHMSPA. This packaging is to be surrounded by Spilfyter® Universal Absorbent Socks in sufficient quantity to absorb the complete contents of the PSA in the event of a leak.
- (3) Outer packaging - A 95-gallon UN specification 1H2 removable head plastic drum conforming to the specifications of Ten-E Packaging Services, Inc. Periodic Test Report #09-3137, dated March 4, 2010 on file with OHMSPA.

b. OPERATIONAL CONTROLS

- (1) The completed packages must be shipped in such a manner as to prevent movement during transportation.

- (2) The packages may not be stacked or stacked upon during transportation.
- (3) The packages must be shipped using an exclusive, dedicated motor vehicle.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 Immediate notice of certain hazardous materials incidents, and 171.16 Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: BenMOORE:mb